Traffic Engineering Index to Volume 43

Number 1, October, 1972, through Number 12, September, 1973

SUBJECT INDEX

	Month	Page
Bicycle		
Bicycle as a Mode of Urban Transportation, The *Jason C. Yu*	Sept.	35
Design		
Guidelines for Driveway Design and Location (Part 1) *ITE Committee 5N-S*	Feb.	16
Designing Efficient and Safe High Volume Driveways and Intersections *Herbert J. Klar*	Jan.	32
Guidelines for Driveway Design and Location (Part 2) *ITE Committee 5N-S*	Mar.	37
Guidelines for Driveway Design and Location (Part 3) *ITE Committee 5N-S*	April	31
Education		
Are We Meeting Our Training Needs? *J. Robert Doughty*	Oct.	7
Engineering Technicians: Manpower for Traffic Operations *Jack Bonniville*	Oct.	22
Management Training for Traffic Engineers: An Informational Report *ITE Committee 2S*	Jan.	16
Evaluation of Traffic Engineering Short Courses *G. Bezkorovainy*	April	37
Environment		
A Better Environment Through Technology *James I. Taylor*	Jan.	4
Traffic Engineering as a Contributing Discipline in Environmental Change *H. Richard Mitchell*	April	46
Institute of Traffic Engineers		
ITE Officers' Reports: 42nd Annual Meeting *No author*	Dec.	16
Strengthening the ITE *Donald S. Berry*	Dec.	25
Lighting		
Selection and Placement of Lighting Poles *ITE Committee 4F-S*	June	24
Highway Lighting—Design for Luminance *L. Ellis King*	Feb.	32
Maintenance		
Studded Tires in Minnesota *Ronald M. Canner & C. K. Preus*	Aug.	39
Pedestrians		
Pedestrian Protection Through Behavior Modification *J. Bruce Reading*	July	14
Minneapolis Skyway System *Lawrence M. Irvin*	Aug.	100
Pedestrian Overcrossings—Criteria and Priorities *ITE Project Committee 4E-A*	Oct.	34
Pedestrian Zone in Munich: Motivation for Pedestrian Movement *Stan Teply*	Nov.	18
Public Transportation		
Three Schemes for Improved Line-Haul Bus Rapid Transit *Wm. A. Stimpson*	Feb.	36
An Evolving System for the Circulation of People in the Central Area of St. Paul *Peter Fausch, Don Hancock & David Cooper*	Aug.	69
Transit Development Programs—A Regional Need *John R. Jamieson*	Aug.	84
Transit for a New Town—In Town *James H. Mildes*	Aug.	93
BART—A New Concept in Public Transportation *J. P. Buehler*	Mar.	10
Safety		
Accident Experience with Hi-Dro Cushions in Seattle *Gary E. Kruger*	June	34
Causes of Traffic Accidents *P. H. Wright & E. J. Baker*	June	41
An Investigation of Weather Factor Effects on Traffic Accidents *Donald E. Orne & Arthur H. Yang*	Oct.	14
Establishing Relationship of Level of Service and Highway Safety *Jason C. Yu*	Oct.	50
Operation Fogbound—Safer Highways in California *M. D. O'Leary*	May	16

Signal

Some I

Detecto

Fred

Control

to Impr

Peter

For and

Signal C

Nath

Detecto

Subject

Lione

Right T

Willi

Traffic

Admini

Dov

Comput

Signal M

Serva

Signing

A Comp

Mainter

Rayn

Satisfyi

G. J.

Transp

Trip Ge

Urban A

B. Do

Total Tr

Louis

Work Tr

Geo.

Transpo

John

Transpo

O. By

A Backb

Minneso

Lyle F

Planning

R. Lin

The Effe

on Traffi

Industria

Robt.

A Transp

Victoria

Joseph

The Imp

on Trans

F. P.

Citizens

Transpor

G. L.

Traffic E

Charle

	Month	Page
Signals		
Some Imaginative Uses of the Calling Detector Relay *Fred L. Orcutt Jr.*	Oct.	42
Controlling Signal Intensity and Uniformity to Improve Signal Visibility *Peter Fausch & Roger H. Appledorn*	Jan.	12
For and Against Semi-Actuated Traffic Signal Control *Nathan Ficklin*	Mar.	20
Detector Placement—A Misunderstood Subject *Lionel M. Rodgers*	April	42
Right Turn on Red—One View *William Marconi*	May	7
Traffic Control Devices: Discretion in Administration Process *Dov M. Grunschlag*	May	28
Computerized Reporting for Traffic Signal Maintenance *Servando Parapar*	July	47
Signing		
A Computerized System of Traffic Sign Maintenance Control and Inventory *Raymond E. Streib & Justin H. Dickins*	Jan.	38
Satisfying Motorists' Needs for Information *G. J. Alexander & H. Lunenfeld*	Oct.	46
Transportation Planning		
Trip Generation Distribution in a Small Urban Area—An Efficiency Analysis *B. Douglas Coomer & Joseph C. Corradino*	June	60
Total Transportation in New Jersey *Louis C. Ripa*	Feb.	12
Work Trip and Trip-Maker Characteristics *Geo. E. Mouchahoir*	Feb.	26
Transportation Planning for New Stadia *John E. Ashwood*	July	36
Transportation Planning—Twin Cities Style *O. Byrum*	Aug.	20
A Backbone Concept for Development of Minnesota Trunk Highways *Lyle Hansen & Fred Tanzer*	Aug.	34
Planning for Recreational Travel *R. Linde*	July	24
The Effect of Staggered Working Hours on Traffic Volumes at a Large Industrial Complex *Robt. D. Owens & Glen VanWormer*	Aug.	61
A Transportation Strategy for Ballarat, Victoria *Joseph E. Womble*	Jan.	25
The Impact of the Short Work Week on Transportation *F. P. Wagner, Jr.*	May	12
Citizens Participation in Planning Transportation *G. L. Crawford & C. E. Sweet*	May	14
Traffic Engineering Economy *Charles W. Dale*	May	25
Traffic Engineering Profession		
The Challenge of the Seventies—A Personal View *W. R. Blunden*	Nov.	29
International Cooperation in Traffic Research: Relief of Inner-City Traffic Congestion *B. E. Horn*	Nov.	32
Wheels Slowly Grinding to a Halt *Ray J. Desjardins*	Nov.	42
Traffic Engineering in Iran *Ali Ardakanian & K. Moaveni*	Nov.	46
Traffic and Transporation Engineering in Israel *Joseph A. Fraenkel & Max G. Shifron*	Nov.	58
NSPE Technology Utilization Project *Samuel D. Vollo*	May	18
Traffic Operations		
Selection and Signing of Truck Routes in Urban Areas *ITE Committee 4X(68)*	April	14
The Non-Measured Traffic Performance Variables *Bruce D. Greenshields*	April	28
Unclassified		
Do Freeways Make Good Neighbors? *E. T. Peterson*	June	20
The Effects on People of a Highway Scare Film *J. S. Johnson & J. J. Hartnett*	Mar.	26
ITE and the RTAC *M. A. LaSalle*	Mar.	30
Urban Traffic Control Systems		
The Challenges of System Management *Edward F. Cleary*	Oct.	26
Guidelines for Computer Signal System Selection in Urban Areas *Charles R. Stockfish*	Dec.	30
*Results of SIGOP-TRANSYT Comparison Studies *Jerrold A. Kaplan & Lawrence D. Powers*	Sept.	17
Subdivision of Signal Systems Into Control Areas *N. H. Yagoda & E. H. Principe*	Sept.	42
Computer Graphics: A New Look At Signal Progression *Kenneth G. Courage*	Sept.	24

* See Letter to Editor, Pg. 49, Vol. 44, No. 2, Nov. 1973.

AUTHOR INDEX

	Month	Page
Alexander, Gerson J. & Lunenfeld, Harold Satisfying Motorists' Needs for Information *Signing*	Oct.	46
Ardakaian, Ali & Moaveni, K. Traffic Engineering in Iran *Traffic Engineering Profession*	Nov.	46
Ashwood, John E. Transportation Planning Considerations for New Stadia *Transportation Planning*	July	36
Berry, Donald S. Strengthening the Institute of Traffic Engineers *Institute of Traffic Engineers*	Dec.	25
Bezkorovainy, Georgy Evaluation of Traffic Engineering Short Courses *Education*	April	37
Blunden, W. R. The Challenge of the Seventies—A Personal View *Traffic Engineering Profession*	Nov.	29
Bonniville, Jack Engineering Technicians: Manpower for Traffic Operations *Education*	Oct.	22
Buehler, John P. BART—New Concept in Public Transportation *Public Transportation*	Mar.	10
Byrum, Ollie Transportation Planning—Twin Cities Style *Transportation Planning*	Aug.	20
Canner, Ronald M. & Preus, C. K. Studded Tires in Minnesota *Maintenance*	Aug.	39
Cleary, Edward F. The Challenges of System Management *Urban Traffic Control Systems*	Oct.	26
Coomer, Douglas B. & Corradino, Joseph C. Trip Generation Distribution in a Small Urban Area—An Efficiency Analysis *Transportation Planning*	June	60
Courage, Kenneth G. Computer Graphics: A New Look at Signal Progression *Urban Traffic Control Systems*	Sept.	24
Crawford, George L. & Sweet, Clyde E. Citizen's Participation in Planning Transportation *Transportation Planning*	May	14
Dale, Charles W. Traffic Engineering Economy *Transportation Planning*	May	25
Desjardins, R. J. Wheels Slowly Grinding to a Halt *Traffic Engineering Profession*	Nov.	42
Doughty, Robert J. Are We Meeting Our Training Needs? *Education*	Oct.	7
Fatsch, Peter, Hancock, Donald & Cooper, David An Evolving System for the Circulation of People in the Central Area of St. Paul *Public Transportation*	Aug.	69
Fausch, Peter A. & Appeldorn, Roger H. Controlling Signal Intensity and Uniformity to Improve Signal Visibility *Signals*	Jan.	12
Ficklin, Nathan For and Against Semi-Actuated Traffic Signal Control *Signals*	Mar.	20
Fraenkel, Joseph A. & Shifron, Max Gedalyahu Traffic and Transportation Engineering in Israel *Traffic Engineering Profession*	Nov.	58
Greenshields, Bruce D. The Non-Measured Traffic Peformance Variables *Traffic Operations*	April	28
Grunschlag, Dov M. Traffic Control Devices: Discretion in Administration Process *Signals*	May	28
Hansen, Lyle L. & Tanzer, Fred P. A Backbone Concept for Development of Minnesota Trunk Highways *Transportation Planning*	Aug.	34
Horn, B. E. International Cooperation in Traffic Research: Relief of Inner-City Traffic Congestion *Traffic Engineering Profession*	Nov.	32
Irvin, Lawrence M. Minneapolis Skyway System *Pedestrians*	Aug.	100
ITE Committee 5N-S Guidelines For Driveway Design and Location (Part 1) *Design*	Feb.	16
ITE Committee 5N-S Guidelines For Driveway Design and Location (Part 2) *Design*	Mar.	37
ITE Committee 5N-S Guidelines For Driveway Design and Location (Part 3) *Design*	April	31
ITE Committee 2S Management Training for Traffic Engineers: An Informational Report *Education*	Jan.	16
ITE Committee 4E-S Selection and Placement of Lighting Poles *Lighting*	June	24
ITE Project Committee 4E-A Pedestrian Overcrossings—Criteria and Priorities *Pedestrians*	Oct.	34
ITE Committee 4X(68) Selection and Signing of Truck Routes in Urban Areas *Traffic Operations*	April	14

	Month	Page
Jamieson, John R. Transit Development Programs—A Regional Need *Public Transportation*	Aug.	84
Johnston, James S.; Hartnett, John J. & Lubman, Melvin V. The Effects on People of a Highway Scare Film *Unclassified*	Mar.	26
Kaplan, Jerrold A. & Powers, Lawrence D. Results of SIGOP-TRANSYT Comparison Studies *Urban Traffic Control Systems*	Sept.	17
See Letter to Editor, Pg. 49, Vol. 44, No. 22, Nov., 1973.		
King, L. Ellis Highway Lighting—Design for Luminance *Lighting*	Feb.	32
Klar, Herbert J. Designing Efficient and Safe High Volume Driveways and Intersections *Design*	Jan.	32
Kruger, Gary E. Accident Experience With Hi Dro Cushions in Seattle *Safety*	June	34
LaSalle, M. A. ITE and the RTAC *Unclassified*	Mar.	30
Linde, R. Planning for Recreational Travel *Transportation Planning*	July	24
Marconi, William Right Turn on Red—One View *Signals*	May	7
Mildes, James H. Transit for a New Town—In Town *Public Transportation*	Aug.	93
Mitchell, H. Richard Traffic Engineering as a Contributing Discipline in Environmental Change *Environmental*	Apr.	46
Mouchahoir, George E. Work Trip and Trip-Maker Characteristics *Transportation Planning*	Feb.	26
ITE Officers' Reports: 42nd Annual Meeting, New York *Institute of Traffic Engineers*	Dec.	16
O'Leary, M. D. Operation Fogbound — Safer Highways in California *Safety*	May	16
Orcutt, Fred L., Jr. Some Imaginative Uses of the Calling Detector Relay *Signals*	Oct.	42
Orne, Donald E. & Yang, Arthur H. An Investigation of Weather Factor Effects on Traffic Accidents *Safety*	Oct.	14
Owens, Robert D. & VanWormer, Glen H. The Effect of Staggered Working Hours on Traffic Volumes at a Large Industrial Complex *Transportation Planning*	Aug.	61
Parapar, Servando M. Computerized Reporting for Traffic Signal Maintenance *Signals*	July	47
Peterson, Evan T. Do Freeways Make Good Neighbors? *Unclassified*	June	20
Reading, J. Bruce Pedestrian Protection Through Behavior Modification *Pedestrians*	July	14
Ripa, Louis C. Total Transportation in New Jersey *Transportation Planning*	Feb.	12
Rodgers, Lionel M. Detector Placement—A Misunderstood Subject *Signals*	April	42
Stimpson, William A. Three Schemes for Improved Line-Haul Bus Rapid Transit *Public Transportation*	Feb.	36
Stockfisch, Charles Ray Guidelines for Computer Signal System Selection in Urban Areas *Urban Traffic Control Systems*	Dec.	30
Streib, Raymond E. & Dickins, Justin H. A Computerized System of Traffic Sign Maintenance Control and Inventory *Signing*	Jan.	38
Taylor, James I. A Better Environment Through Technology *Environmental*	Jan.	4
Teply, Stan Pedestrian Zone In Munich: Motivation for Pedestrian Movement *Pedestrians*	Nov.	18
Vollo, Samuel D. NSPE Technology Utilization Project *Traffic Engineering Profession*	May	18
Wagner, Fred P., Jr. The Impact of the Shorter Work Week on Transportation *Transportation Planning*	May	12
Womble, Joseph E. A Transportation Strategy for Ballarat, Victoria *Transportation Planning*	Jan.	25
Wright, Paul H. & Baker, E. Jo Causes of Traffic Accidents *Safety*	June	41
Yagoda, Nathan H. & Principe, Edward H. Subdivision of Signal Systems Into Control Areas *Urban Traffic Control Systems*	Sept.	42
Yu, Jason C. The Bicycle As a Mode of Urban Transportation *Bicycle*	Sept.	35
Yu, Jason C. Establishing Relationship of Level of Service and Highway Safety *Safety*	Oct.	50